FY23 OCAS Codes for Courses

July 1, 2022 - June 30, 2023

Oklahoma Department of Career and Technology Education

Agriculture Education

OCAS Subject Codes for FY23 - COURSES

8000	AGRICULTURE EDUCATION	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8001	Agricultural Exploration and Orientation (One year program)			8	C	AG00005
8004	Introduction to Agriscience			9	C	AG00008
8005	Agriscience II			10,11,12	C	AG00029
8006	Introduction to Plant and Soil Science			10,11,12	C	AG00017
8007	Agriculture Crop Production			10,11,12	C	AG00018
8008	Advanced Biological Plant Science			10,11,12	C	AG00002
8009	Introduction to Agricultural Power and Technology			10,11,12	C	AG00007
8010	Agricultural Power and Technology			10,11,12	C	AG00003
8011	Agricultural Structures			10,11,12	C	AG00004
8012	Introduction to Animal Science			10,11,12	C	AG00009
8013	Livestock Production			10,11,12	C	AG00014
8014	Small Animal Care and Veterinary Assisting			10,11,12	C	AG00015
8015	Equine Science			10,11,12	C	AG00016
8016	Advanced Biological Animal Science			10,11,12	C	AG00001
8017	Introduction to Food Science			10,11,12	C	AG00025
8018	Food and Biotechnology			10,11,12	C	AG00026
8019	Introduction to Agribusiness Management			10,11,12	C	AG00012
8020	Agricultural Sales and Marketing			10,11,12	C	AG00013
8021	Employment in Agribusiness (Senior Course Only)			12	C	AG00028
8022	Introduction to Agricultural Communications			10,11,12	C	AG00006
8023	Agricultural Leadership and Personal Development			10,11,12	C	AG00021
8024	Print and Broadcast Journalism in Agricultural Communication			10,11,12	C	AG00022
8025	Introduction to Natural Resources and Environmental Science			10,11,12	C	AG00011
8026	Pasture and Range Management			10,11,12	C	AG00027
8027	Wildlife Science and Management			10,11,12	C	AG00023
8028	Forestry			10,11,12	C	AG00024
8029	Introduction to Horticulture			10,11,12	C	AG00010
8030	Greenhouse Production and Floral Design			10,11,12	C	AG00019
8031	Landscape and Nursery Production			10,11,12	C	AG00020

Offered to adult students in technology centers only	**A**
Offered to secondary and adult students in technology centers or comprehensive schools	**B**
Offered to secondary students in comprehensive schools only	**C**
Offered to adults and secondary students in technology centers only	**D**
Offered to secondary students in Technology Centers or Comprehensive Schools	**F**

8100-8200	BUSINESS AND INFORMATION TECHNOLOGY	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8101	Business and Computer Technology	OK Promise	Computer Science 1/2	9-12, adults	D	BT00113
8102	Business Information Technology Internship			9-12, adults	B	BT00213
8103	Fundamentals of Administrative Technologies	OK Promise	Computer Science	9-12, adults	B	BT00014
8104	Administrative Technologies II	OK Promise	Computer Science	9-12, adults	B	BT00114
8105	Office Administration & Management	OK Promise	Computer Science	9-12, adults	B	BT00049
8106	Career Major Capstone			9-12, adults	B	BT00110
8107	Accounting I			9-12, adults	B	BT00011
8108	Accounting II			9-12, adults	B	BT00013
8109	Computerized Accounting	OK Promise	Computer Science	9-12, adults	B	BT00035
8110	Payroll Accounting			9-12, adults	D	BT00119
8111	Financial Accounting			9-12, adults	D	BT00118
8112	Entrepreneurship: Business Development			9-12, adults	B	BT00137
8113	Entrepreneurship: Business Management			9-12, adults	B	BT00138
8114	Human Resources Concepts			9-12, adults	B	BT00079
8118	Business & Personal Finance			9-12, adults	B	BT00125
8120	Banking & Financial Services			9-12, adults	B	BT00111
8121	Network/Client Operating Systems	OK Promise	Computer Science	9-12, adults	D	BT00017
8122	Server Operating Systems	OK Promise	Computer Science	9-12, adults	D	BT00037
8123	Network Management	OK Promise	Computer Science	9-12, adults	D	BT00043
8124	Fundamentals of Linux/Unix	OK Promise	Computer Science	9-12, adults	B	BT00174
8125	Routing and Switching I	OK Promise	Computer Science	9-12, adults	B	BT00052
8126	Routing and Switching II	OK Promise	Computer Science	9-12, adults	B	BT00018
8128	Advanced Routing and Remote Access			9-12, adults	D	BT00033
8130	Principals of Information Assurance	OK Promise	Computer Science 1/2	9-12, adults	D	BT00007
8131	Network Security	OK Promise	Computer Science 1/2	9-12, adults	D	BT00008
8132	Enterprise Security Management	OK Promise	Computer Science 1/2	9-12, adults	D	BT00034
8133	Secure Electronic Commerce	OK Promise	Computer Science 1/2	9-12, adults	D	BT00010
8134	Cyber Forensics	OK Promise	Computer Science 1/2	9-12, adults	D	BT00010
8136	Computer Repair and Troubleshooting I	OK Promise	Computer Science	9-12, adults	B	BT00126
8137	Computer Repair and Troubleshooting II	OK Promise	Computer Science	9-12, adults	B	BT00051
8138	Computer Repair and Troubleshooting III			9-12, adults	B	BT00062
8139	Fundamentals of Database Development	OK Promise	Computer Science	9-12, adults	B	BT00040
8140	Database Design and Programming	OK Promise	Computer Science	9-12, adults	D	BT00127
8141	SQL and PL/SQL Database Applications Development	OK Promise	Computer Science	9-12, adults	D	BT00041
8142	Database Administration	OK Promise	Computer Science	9-12, adults	B	BT00066
8143	Modeling Languages			9-12, adults	B	BT00142
8145	Desktop Publishing Fundamentals (6th-9th grade)			6-9	C	BT00285
8149	Desktop Publishing and Graphic Design	OK Promise	Computer Science	9-12, adults	B	BT00063
8150	Multimedia & Image Management Techniques	OK Promise	Computer Science	9-12, adults	B	BT00128
8151	Digital Editing and Production Photography			9-12, adults	B	BT00064
8153	Fundamentals of Web Design	OK Promise	Computer Science	9-12, adults	B	BT00003
8154	Design Tools and Electronic Marketing Strategies	OK Promise	Computer Science	9-12, adults	B	BT00031
8155	Advanced Design Techniques	OK Promise	Computer Science	9-12, adults	B	BT00044
8156	Advanced Digital Animation	OK Promise	Computer Science	9-12, adults	B	BT00130
8157	Web Scripting Foundations	OK Promise	Computer Science	9-12, adults	B	BT00004
8159	Scripting Language Fundamentals	OK Promise	Computer Science	9-12, adults	B	BT00046
8160	Advanced Programming	OK Promise	Computer Science	6-12, adults	B	BT00016
8161	Systems Analysis, Design and Testing	OK Promise	Computer Science	9-12, adults	D	BT00121
8162	Advanced Scripting Languages	OK Promise	Computer Science	9-12, adults	B	BT00050
8163	Software Configuration Management	OK Promise	Computer Science	9-12, adults	D	BT00055
8165	C++ Programming	OK Promise	Computer Science	9-12, adults	B	BT00123
8166	C# Programming	OK Promise	Computer Science	9-12, adults	B	BT00124
8167	Visual Basic .NET Programming	OK Promise	Computer Science	9-12, adults	B	BT00122
8169	Fundamentals of Technology	OK Promise	Computer Science	9-12, adults	B	BT00182
8170	Bilingual Interpersonal Communications I			9-12, adults	D	BT00133
8177	Business Communications			9-12, adults	B	BT00136
8178	Personal Finance			9-12, adults	B	BT00135
8179	Introduction to Entrepreneurship			9-12, adults	B	BT00139
8180	Math of Finance			9-12, adults	B	BT00134
8182	Operating System/Command Line	OK Promise	Computer Science	9-12, adults	B	BT00153
8184	Active Directory Infrastructure	OK Promise	Computer Science	9-12, adults	D	BT00103
8185	Server Infrastructure Design	OK Promise	Computer Science	9-12, adults	D	BT00104
8186	Regulatory Compliance and Auditing	OK Promise	Computer Science	9-12, adults	D	BT00152
8187	Installing and Maintaining Desktop Applications			9-12, adults	D	BT00151
8189	Non-Linear Digital Production			9-12, adults	B	BT00056
8190	Advanced Digital Video Tools and Techniques			9-12, adults	B	BT00058
8191	Digital Media Production			9-12, adults	B	BT00129

8100-8200	BUSINESS AND INFORMATION TECHNOLOGY	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8192	Non-Linear Digital Editing			9-12, adults	B	BT00100
8193	Audio Production			9-12, adults	B	BT00059
8194	Broadcast Production			9-12, adults	B	BT00060
8195	Studio Production (IT)			9-12, adults	B	BT00169
8196	Remote/Field Production (IT)			9-12, adults	B	BT00168
8197	Advanced Effects for Motion Graphics			9-12, adults	B	BT00099
8203	Audio Tools and Techniques			9-12, adults	B	BT00191
8206	2D Animation Techniques			9-12, adults	B	BT00001
8207	Fundamentals of 3D Motion Graphics			9-12, adults	B	BT00061
8208	3D Animation			9-12, adults	B	BT00098
8209	3D Modeling and Rigging Techniques			9-12, adults	B	BT00085
8210	Web Authoring Languages			9-12, adults	B	BT00149
8211	Web Authoring Tools			9-12, adults	B	BT00150
8212	Web Application Technologies			9-12, adults	B	BT00148
8213	Interactive Marketing Techniques			9-12, adults	B	BT00083
8216	Layout Design Techniques			9-12, adults	B	BT00145
8217	Server-Side Scripting			9-12, adults	D	BT00146
8218	Web Application Development			9-12, adults	B	BT00147
8219	Advanced Computer Applications for the Law office	OK Promise	Computer Science	9-12, adults	B	BT00221
8220	Principles of Animation			9-12, adults	B	BT00015
8221	Event and Project Planning Management			9-12, adults	D	BT00093
8222	Programming Fundamentals			9-12, adults	B	BT00183
8223	Network Security Awareness			9-12, adults	B	BT00192
8224	Cross Platform Game Programming			9-12, adults	B	BT00205
8225	Basic Programming			9-12, adults	B	BT00206
8226	Resort and Tourism Management			9-12, adults	B	BT00218
8227	Business Management for Travel and Tourism			9-12, adults	B	BT00222
8228	Fundamentals of Video Game Design			9-12, adults	B	BT00190
8229	Customer Assistance			9-12, adults	B	BT00232
8230	JAVA Programming			9-12, adults	B	BT00233
8231	Non-Linear Editing II			9-12, adults	B	BT00234
8232	Video Animation			9-12, adults	B	BT00068
8233	Database Administration II			9-12, adults	D	BT00212
8234	Awareness of GPS/GIS			9-12, adults	B	BT00239
8235	Essential Skills for ArcGIS			9-12, adults	B	BT00240
8236	Managing and Analyzing Data using ArcGIS			9-12, adults	B	BT00241
8237	Editing, Visualizing and Sharing Data in ArcGIS Software			9-12, adults	B	BT00242
8238	Beginning Android Development			9-12, adults	B	BT00246
8239	Intermediate Android Development			9-12, adults	B	BT00248
8241	Mobile Development Fundamentals			9-12, adults	B	BT00254
8243	Web Development Fundamentals			9-12, adults	B	BT00256
8244	Windows Server Administration Fundamentals			9-12, adults	D	BT00257
8245	Gaming Development Fundamentals			9-12, adults	B	BT00258
8246	Security Fundamentals	OK Promise	Computer Science	9-12, adults	B	BT00259
8247	HTML5 Application Developer Fundamentals			9-12, adults	B	BT00261
8249	Software Development Fundamentals			9-12, adults	B	BT00263
8250	Windows Operating System Fundamentals			9-12, adults	D	BT00264
8251	Foundations for the Legal Office			9-12, adults	B	BT00030
8252	IT Essentials	OK Promise	Computer Science	9-12, adults	B	BT00274
8253	Windows Development Fundamentals			9-12, adults	D	BT00260
8254	Business Foundations			6,7,8,9	C	BT00286
8255	Internet of Things (IoT) Fundamentals	OK Promise	Computer Science	6-12, adults	C	BT00290
8256	Cybersecurity Basics	OK Promise	Computer Science	9-12, adults	B	BT00291
8257	Fundamentals of Project Management			9-12, adults	B	BT00292
8258	Advanced Spreadsheet Applications	OK Promise	Computer Science	9-12, adults	B	BT00293
8259	Advanced Database Concepts Using Access	OK Promise	Computer Science	9-12, adults	B	BT00294
8260	Drone Technology			8-12, adults	B	BT00295
8261	Artificial Intelligence			9-12, adults	B	BT00296
8448	Introduction to Hospitality and Tourism			9-12	B	FC00018

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Offered to secondary students in Technology Centers or Comprehensive Schools	F

Family & Consumer Science
OCAS Subject Codes for FY23 - COURSES

8400	FAMILY & CONSUMER SCIENCE	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8404	Successful Adulthood: Personal Financial Literacy			8-12	B	FC00049
8406	Interior Design II			9-12	C	FC00224
8408	Lead Oklahoma			8-9	C	FC00035
8409	Teach Oklahoma			11-12	B	FC00028
8411	Tween Life			7-8	C	FC00039
8412	Investigate FACS			5-7	C	FC00031
8413	Fashion Design I			9-12	B	FC00225
8414	Career Orientation			8-12	C	FC00010
8415	FACS Basics			8-12	C	FC00033
8419	School and Community Partnership I			11-12	B	FC00239
8420	School and Community Partnership II			12	B	FC00240
8425	Fashion Design II			9-12	B	FC00226
8426	Culinary Basic Skills			9-12	B	FC00003
8428	Culinary Advanced Skills			11-12	B	FC00015
8438	Investigate FACS 30			5-7	C	FC00196
8439	Investigate FACS 60			5-7	C	FC00195
8440	Tween Life 30			7-8	C	FC00201
8441	Tween Life 60			7-8	C	FC00202
8446	FACS Ed Capstone			11-12	B	FC00209
8448	Introduction to Hospitality and Tourism			9-12	B	FC00018
8452	Leadership and Management			11-12	B	FC00016
8456	Tween Life with Personal Financial Literacy			7-8	C	FC00222
8459	Teaching and Learning in Elementary, Secondary, and Adult Education			9-12	B	FC00005
8461	Interior Design I			9-12	C	FC00002
8465	ECE: Pathway to National Credential			9-12	B	FC00241
8468	Culinary Arts Internship I			9-12	B	FC00069
8469	Principles of Human Services			9-12	C	FC00249
8470	Interpersonal Studies			9-12	C	FC00250
8471	Human Growth and Development			9-12	C	FC00251
8472	Food Science			11-12	C	FC00252
8473	Counseling and Mental Health			9-12	C	FC00253
8474	Lifetime Nutrition and Wellness			9-12	C	FC00254
8475	Introduction to Culinary Arts			9-12	C	FC00255
8477	Fashion Design III			11-12	B	FC00257
8478	Hospitality & Tourism Management			9-12	B	FC00258
8479	Comprehensive Health			9-12	B	FC00259
8480	Interior Design III			11-12	B	FC00260
8481	Essential Health	OK Promise	Computer Science	8-12	C	FC00262

Offered to adult students in technology centers only	A
Offered to secondary and adult students in technology centers or comprehensive schools	B
Offered to secondary students in comprehensive schools only	C
Offered to adults and secondary students in technology centers only	D
Offered to secondary students in Technology Centers or Comprehensive Schools	F

Health Careers
OCAS Subject Codes for FY23 - COURSES

8550	HEALTH CAREERS	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8551	Health Careers I			9-12	C	HL00279
8552	Health Careers II			9-12	C	HL00175
8553	Health Careers III			9-12	C	HL00176
8554	Health Careers Capstone			9-12	B	HL00417
8556	Sports Medicine			9-12	B	HL00391
8557	Biomedical Technology			9-12	B	HL00392
8558	Exercise Science			9-12	C	HL00599

State Department of Ed - Health Careers

5220	Physiology	OK Promise		9-12	B	HL00598
5333	Anatomy	OK Promise		9-12	B	HL00046

Offered to adult students in technology centers only	A
Offered to secondary and adult students in technology centers or comprehensive schools	B
Offered to secondary students in comprehensive schools only	C
Offered to adults and secondary students in technology centers only	D
Offered to secondary students in Technology Centers or Comprehensive Schools	F

Marketing Education
OCAS Subject Codes for FY23 - COURSES

8600	MARKETING EDUCATION	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8602	Marketing Fundamentals			9-12, adults	B	BT00116
8605	Customer Service			9-12, adults	B	BT00026
8606	Business Management and Supervision			9-12, adults	B	BT00022
8607	Sales and Sales Promotion			9-12, adults	B	BT00021
8608	Professional Sales			9-12, adults	B	BT00053
8611	Business and Marketing Communications			9-12, adults	B	BT00101
8612	Advertising Strategies			9-12, adults	B	BT00070
8613	Marketing Research			9-12, adults	B	BT00071
8614	Intro to Business/Marketing			9-12, adults	B	BT00074
8615	Marketing Economics			9-12, adults	B	BT00132
8616	Entrepreneurship			9-12, adults	B	BT00075
8617	Advanced Entrepreneurship			9-12, adults	B	BT00054
8618	International Business and Marketing			9-12, adults	B	BT00077
8619	E-Commerce Marketing			9-12, adults	B	BT00076
8620	Entrepreneurship Awareness			9-12, adults	B	BT00025
8621	Public Relations Marketing			9-12, adults	B	BT00069
8622	Marketing Internship			9-12, adults	B	BT00154
8623	Employment Essentials			9-12, adults	B	BT00002
8624	Product & Service Sales			9-12, adults	B	BT00073
8625	Buying and Merchandising			9-12, adults	B	BT00117
8627	Global Markets and Trade			9-12, adults	B	BT00155
8628	Digital Marketing			9-12, adults	B	BT00288
8629	Ethical Leadership			6-12, adults	B	BT00289

Offered to adult students in technology centers only	A
Offered to secondary and adult students in technology centers or comprehensive schools	B
Offered to secondary students in comprehensive schools only	C
Offered to adults and secondary students in technology centers only	D
Offered to secondary students in Technology Centers or Comprehensive Schools	F

Science, Technology, Engineering & Mathematics
OCAS Subject Codes for FY23 - COURSES

8700 & 8800	Science, Technology, Engineering, Mathematics	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8149	Desktop Publishing and Graphic Design	OK Promise	Computer Science	7-12, adults	B	BT00063
8150	Multimedia & Image Management Techniques	OK Promise	Computer Science	9-12, adults	B	BT00128
8153	Fundamentals of Web Design	OK Promise	Computer Science	9-12, adults	B	BT00003
8160	Advanced Programming	OK Promise	Computer Science	6-12, adults	B	BT00016
8169	Fundamentals of Technology	OK Promise	Computer Science	7-12, adults	B	BT00182
8255	Internet of Things (IoT) Fundamentals	OK Promise	Computer Science	6-12, adults	C	BT00290
8256	Cybersecurity Basics	OK Promise	Computer Science	9-12, adults	B	BT00291
8701	Survey of Biotechnology			9-12	B	ST00025
8702	Biotechnology I			9-12	B	ST00017
8703	Biotechnology II			9-12	B	ST00018
8704	Advanced Biotechnology I			9-12	B	ST00026
8705	STEM Capstone			9-12	B	ST00027
8706	PLTW Principles of Biomedical Science	OK Promise	Science	9-12	B	ST00003
8707	PLTW Human Body Systems	OK Promise	Science	9-12	B	ST00001
8708	PLTW Medical Interventions	OK Promise	Science	9-12	B	ST00004
8709	Introduction to Engineering Design	OK Promise	Computer Science	9-12	B	ST00023
8710	Principles of Engineering	OK Promise	Computer Science	9-12	B	ST00024
8711	PLTW Digital Electronics	OK Promise	Math	9-12	B	ST00021
8712	PLTW Computer Integrated Manufacturing	OK Promise	Computer Science	9-12	B	ST00041
8713	PLTW Civil Engineering and Architecture			9-12	B	ST00019
8715	PLTW Aerospace Engineering	OK Promise	Science	9-12	B	ST00013
8716	PLTW Engineering Design and Development			9-12	B	ST00022
8717	Advanced Biotechnology II		Science	9-12	B	ST00040
8718	Biomedical Health Careers			9-12	B	ST00060
8719	PLTW Biomedical Innovation	OK Promise	Science	9-12	B	ST00005
8825	Advanced Technological Applications			9-12	B	ST00191
8826	Advanced Design Applications			9-12	B	ST00125
8827	Engineering Design			9-12	B	ST00192
8828	Technology Foundations			9-12	B	ST00134
8830	Engineering Exploration			6-8	C	ST00214
8833	Robotics Engineering	OK Promise	Computer Science	9-12	B	ST00142
8834	Robotics Engineering and Automation			9-12	B	ST00140
8835	Health Science Exploration			6-8	C	ST00231
8838	Information Technology Exploration			6-8	C	ST00237
8847	Technology and Society			9-12	B	ST00187
8848	Technological Design			9-12	B	ST00136
8849	Science and Technical Visualization I			9-12	B	ST00188
8850	Science and Technical Visualization II			9-12	B	ST00189
8851	AP Computer Science Principles	OK Promise	Computer Science	9-12	B	ST00200
8852	Computer Science Essentials	OK Promise	Computer Science	9-12	B	ST00248
8853	AP Computer Science A (CSA)	OK Promise	Computer Science	9-12	B	ST00208
8854	PLTW Environmental Sustainability	OK Promise	Science	9-12	B	ST00213
8855	The Nature of Science & Technology			9-12	B	ST00243
8856	Core Applications of Science & Technology			9-12	B	ST00244
8857	Impacts of Science & Technology			9-12	B	ST00245
8858	Creativity & Innovations			9-12	B	ST00247

Science, Technology, Engineering & Mathematics
OCAS Subject Codes for FY23 - COURSES

8700 & 8800	Science, Technology, Engineering, Mathematics	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8859	Fundamentals of Aerospace Technology			9-12	B	ST00246
8860	Computer Science Principles	OK Promise	Computer Science	9-12	B	ST00249
8861	PLTW Cybersecurity			9-12	B	ST00250
8862	Advanced Technology for Design Production			9-12	B	ST00251
8863	Systems of Advanced Technology			9-12	B	ST00252
8864	Mechatronic Systems for Advanced Production			9-12	B	ST00253
8865	Design for the Production of Advanced Products			9-12	B	ST00254
8866	Advanced Robotics Engineering	OK Promise	Computer Science	9-12, adult	B	ST00255
8867	Computer Science Discoveries	OK Promise	Computer Science	8-12	B	ST00256
8868	Aeroponics/Hydroponics/Auqaponics			9-12	B	ST00257
8869	STEM Core			10-12	D	ST00258
8870	Space Engineering Concepts	OK Promise	Computer Science	9-12	B	ST00259
8871	Python	OK Promise	Computer Science	9-12	B	ST00260
8872	Renewable Energy			9-12	B	ST00261
8873	Google Tools	OK Promise	Computer Science	9-12	B	ST00262
8874	Aviation I			9-12	B	ST00263
8875	Aviation II			9-12	B	ST00264
8876	Aviation III			9-12	B	ST00265, ST00267
8877	Introduction to Flight			9-12	B	ST00266
8878	Engineering Essentials			9-12	B	ST00268
8879	Mechanical Design Engineering			9-12	B	ST00272
8880	Architecture Design	OK Promise	Computer Science	9-12	B	ST00273
8881	Virtual Reality (VR) Coding			9-12	B	ST00274
8882	Advanced Mechanical Design Engineering	OK Promise	Computer Science	9-12	B	ST00275
8903	Architectural Computer Aided Drafting and Design	OK Promise	Computer Science	9-12	B	TI00880
8904	Engineering Computer Aided Drafting and Design	OK Promise	Computer Science	9-12	B	TI00465
8905	Fundamentals of Computer Aided Drafting and Design	OK Promise	Computer Science	9-12	B	TI00365
8953	Introduction to Manufacturing			9-12	B	TI02044
8971	Architecture & Construction Exploration			6-8	C	TI02045
8972	Arts, A/V Technology & Communication Exploration			6-8	C	TI02046
8976	Natural Resources Exploration			6-8	C	TI02050
8977	Manufacturing Exploration			6-8	C	TI02051
8978	Transportation Exploration			6-8	C	TI02052

State Department of Ed - Science, Technology, Engineering & Mathematics

4412	Algebra II	OK Promise		9-12	B	ST00006
4413	Algebra III	OK Promise		9-12	B	ST00269
4520	Geometry	OK Promise		9-12	B	ST00009
4611	Pre-Calculus	OK Promise		9-12	B	ST00010
4612	Calculus	OK Promise		9-12	B	ST00011
4615	AP Calculus AB	OK Promise		9-12	B	ST00061
4616	AP Calculus BC	OK Promise		9-12	B	ST00062

Science, Technology, Engineering & Mathematics
OCAS Subject Codes for FY23 - COURSES

8700 & 8800	Science, Technology, Engineering, Mathematics	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
4740	Statistics and Probability	OK Promise		9-12	B	ST00270
4750	Trigonometry	OK Promise		9-12	B	ST00223
4760	AP Statistics	OK Promise		9-12	B	ST00029
5035	AP Biology	OK Promise		9-12	B	ST00028
5051	Chemistry I	OK Promise		9-12	B	ST00016
5055	AP Chemistry	OK Promise		9-12	B	ST00007
5121	AP Environmental Science	OK Promise		9-12	B	ST00002
5211	Physics I	OK Promise		9-12	B	ST00011
5212	Physics II	OK Promise		9-12	B	ST00271
5213	AP Physics 1: Algebra-Based	OK Promise		9-12	B	ST00206
5214	AP Physics 2: Algebra-Based	OK Promise		9-12	B	ST00207
5216	AP Physics C: Mechanics	OK Promise		9-12	B	ST00064
5217	AP Physics C: Electricity & Magnetism	OK Promise		9-12	B	ST00065
5220	Physiology	OK Promise		9-12	B	HL00598
5333	Anatomy	OK Promise		9-12	B	HL00046
5336	Microbiology	OK Promise		9-12	B	ST00015

Offered to adult students in technology centers only	A
Offered to secondary and adult students in technology centers or comprehensive schools	B
Offered to secondary students in comprehensive schools only	C
Offered to adults and secondary students in technology centers only	D
Offered to secondary students in Technology Centers or Comprehensive Schools	F

8900	TRADE AND INDUSTRIAL EDUCATION	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8901	Advanced Desktop Publishing and Graphic Design	OK Promise	Computer Science	9-12	B	TI00195
8902	Advanced Web and Animation Design	OK Promise	Computer Science	9-12	B	TI00006
8903	Architectural Computer Aided Drafting and Design	OK Promise	Computer Science	9-12	B	TI00880
8904	Engineering Computer Aided Drafting and Design	OK Promise	Computer Science	9-12	B	TI00465
8905	Fundamentals of Computer Aided Drafting and Design	OK Promise	Computer Science	9-12	B	TI00365
8906	Manufacturing Computer Aided Drafting and Design	OK Promise	Computer Science	9-12	B	TI00541
8907	Tech Connect Automotive			9-12	C	TI01153
8908	Tech Connect Automotive - Specialized			9-12	C	TI01154
8915	Tech Connect Carpentry			9-12	C	TI01217
8916	Tech Connect Carpentry - Specialized			9-12	C	TI01275
8929	Tech Connect Welding			9-12	C	TI01119
8930	Tech Connect Welding - Specialized			9-12	C	TI01120
8931	Tech Connect Welding Advanced			9-12	C	TI01121
8940	Workforce Connection			9-12	B	TI00192
8942	Workforce Staging			9-12	B	TI00802
8943	Tech Connect Robotics			9-12	C	TI02034
8944	Tech Connect Automation			9-12	C	TI02035
8945	Technical Applications I			9-12	C	TI02036
8946	Technical Applications II			9-12	C	TI02037
8947	Technical Applications III			9-12	C	TI02038
8948	Introduction to Aerospace			9-12	C	TI02039
8949	Foundations to Aerospace			9-12	C	TI02040
8950	Aerospace Structures			9-12	C	TI02041
8951	Introduction to Construction			9-12	C	TI02042
8952	Foundations to Construction			9-12	C	TI02043
8953	Introduction to Manufacturing			9-12	C	TI02044
8954	Tech Connect Horticulture/Floriculture			9-12	C	TI02000
8955	Tech Connect Architecture & Construction			9-12	C	TI02002
8956	Tech Connect Arts, A/V Technology and Communications			9-12	C	TI02004
8957	Tech Connect Information Technology			9-12	C	TI02009
8958	Tech Connect Law, Public Safety and Security			9-12	C	TI02011
8959	Tech Connect Manufacturing			9-12	C	TI02013
8960	Tech Connect Transportation, Distribution and Logistics			9-12	C	TI02017
8961	Tech Connect Diversified Programs			9-12	C	TI02006
8962	Tech Connect Horticulture/Floriculture - Specialized			5-10	C	TI02001
8963	Tech Connect Architecture & Construction - Specialized			6-10	C	TI02003
8964	Tech Connect Arts, A/V Technology and Communications Specialized			6-10	C	TI02005
8965	Tech Connect Information Technology - Specialized			9-12	C	TI02010
8966	Tech Connect Law, Public Safety and Security - Specialized			9-12	C	TI02012
8967	Tech Connect Manufacturing - Specialized			9-12	C	TI02014
8968	Tech Connect Transportation, Distribution and Logistics Specialized			9-12	C	TI02018
8969	Tech Connect Diversified Programs - Specialized			9-12	C	TI02007
8970	Tech Connect Individual Coop Education			9-12	C	TI02008
8971	Architecture & Construction Exploration			6-10	C	TI02045
8972	Arts, A/V Technology & Communication Exploration			6-10	C	TI02046
8975	Technical Applications IV			9-12	C	TI02049
8976	Natural Resources Exploration			6-10	C	TI02050
8977	Manufacturing Exploration			6-10	C	TI02051
8978	Transportation Exploration			6-10	C	TI02052

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